UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,103,790 B2
APPLICATION NO. : 10/695881
DATED   : September 5, 2006
INVENTOR(S)   : Eric M. Rentschler et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 22, line 8, delete "DQS18_ttf_start" and insert -- DQS18_tff_start --, therefor.

In column 27, line 58, in Claim 1, after "circuitry" delete "(FIG. 4, 400)".

In column 27, line 60, in Claim 1, after "pad;" delete "FIG. 4, DQ4);".

In column 27, line 61, in Claim 1, after "($N \geq 2$)" delete "(FIG. 4, 402, 404)".

In column 27, line 62, in Claim 1, after "stage" delete "(FIG. 4, 406)".

In column 27, line 65, in Claim 1, after "stream" delete "(FIG. 4, 410)".

In column 28, line 2, in Claim 1, delete "(FIG. 4, 410, 412)" before "to various".

In column 28, line 5, in Claim 1, after "circuitry" delete "(FIG. 4, 408)".

In column 28, line 9, in Claim 2, after "circuitry" delete "(FIG. 8, 800)".

In column 28, line 11, in Claim 2, after "pad" delete "(FIG. 8, DQS18)".

In column 28, line 12, in Claim 2, after "means" delete "(FIG. 8, 824, 826, 828, 830, 832, 834)".

In column 28, line 17, in Claim 3, after "flip-flops" delete "(FIG. 8, 808, 810)".

In column 28, line 26, in Claim 5, after "paths" delete "(FIG. 5, 504, 506)".

In column 28, line 31, in Claim 6, after "flip-flops" delete "(FIG. 5, 500, 502)".

In column 28, line 33, in Claim 7, after "N=M=2" delete "(FIG. 4)".

In column 28, line 36, in Claim 8, after "route" delete "(FIG. 8, 802)".

In column 28, line 39, in Claim 10, after "system" delete "(FIG. 1, 124)".

In column 28, line 40, in Claim 10, after "a CPU" delete "(FIG. 1, 102)".

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 28, line 41, in Claim 10, after "controller" delete "(FIG. 1, 100)".

In column 28, line 42, in Claim 10, after "controller" delete "(FIG. 1, 100)".

In column 28, lines 43-44, in Claim 10, after "devices" delete "(FIG. 1, 112, 114, 116, 118, 120, 122)".

In column 28, line 45, in Claim 10, after "modules" delete "(FIG. 1, 104)".

In column 28, line 48, in Claim 10, after "pads" delete "(; FIG. 4, DQ4)".

In column 28, line 49, in Claim 10, after "circuitry" delete "(FIG. 4, 400)".

In column 28, lines 53-54, in Claim 10, after "(N≥2)" delete "(FIG. 4, 402, 404)".

In column 28, line 55, in Claim 10, after "stage" delete "(FIG. 4, 406)".

In column 28, line 58, in Claim 10, after "stream" delete "(FIG. 4, 410)".

In column 28, line 62, in Claim 10, after "streams" delete "(FIG. 4, 410, 412)".

In column 28, line 66, in Claim 10, after "circuitry" delete "(FIG. 4, 408)".

In column 29, line 5, in Claim 11, after "pads" delete "(FIG. 8, 800)".

In column 29, line 6, in Claim 11, delete "(FIG. 8, 824, 826, 828, 830, 832, 834)" before "for driving".

In column 30, line 1, in Claim 12, after "paths" delete "(FIG. 5, 504, 506)".

In column 30, line 5, in Claim 13, delete "(FIG. 4)".

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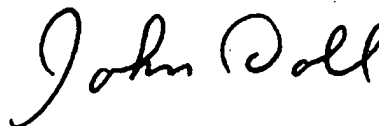INVENTOR(S)   : Eric M. Rentschler et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 30, line 8, in Claim 14, after "controller" delete "(FIG. 1)".

Signed and Sealed this

Third Day of February, 2009

JOHN DOLL
Acting Director of the United States Patent and Trademark Office